

STATEMENT UNDER 37 C.F.R. 3.73(b)

Applicant/Patent Owner: Juergen CEZANNE et al.Application No./Patent No.: 5,473,701 Filed/Issue Date: December 5, 1995Entitled: ADAPTIVE MICROPHONE ARRAY

LSI Corporation, states that it is:

1. ☒ the assignee of the entire right, title, and interest in;
2. ☐ an assignee of less than the entire right, title and interest in
(the extent (by percentage) of its ownership interest is _____ %); or
3. ☐ the assignee of an undivided interest in the entirety of (a complete assignment from one of the joint inventors was made)

the patent application/patent identified above by virtue of either:

- A. ☐ An assignment from the inventor(s) of the application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 013372, Frame 0662, and Reel _____, Frame _____.

OR

- B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: AT&T IPM Corp. To: AT&T Corp.
The document was recorded in the United States Patent and Trademark Office at Reel 024305, Frame 0300, or for which a copy thereof is attached.
2. From: AT&T Corp. To: Lucent Technologies Inc.
The document was recorded in the United States Patent and Trademark Office at Reel 024305, Frame 0306, or for which a copy thereof is attached.
3. From: Lucent Technologies Inc. To: Agere Systems Guardian Corp.
The document was recorded in the United States Patent and Trademark Office at Reel 024305, Frame 0315, or for which a copy thereof is attached.

☒ Additional documents in the chain of the title are listed on a supplemental sheet.

☒ As required by 37 C.F.R. § 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 C.F.R. § 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Marie H. MacNichol
Signature

May 5, 2010
Date

Vice President, IP Law, LSI Corporation
(Agere Systems being a wholly owned subsidiary of LSI Corporation)

Marie H. MacNichol
Printed or Typed Name

Title

SUPPLEMENTAL SHEET FOR
STATEMENT UNDER 37 C.F.R. 3.73(b)

Applicant/Patent Owner: Juergen CEZANNE et al.
Application No./Patent No.: 5,473,701 Filed/Issue Date: December 5, 1995
Entitled: ADAPTIVE MICROPHONE ARRAY

4. From: Agere Systems Guardian Corp. To: Agere Systems Inc.
The document was recorded in the United States Patent and Trademark Office at Reel 024312, Frame 0491, or for which a copy thereof is attached.


Signature

May 5, 2010

Date

Vice President, IP Law, LSI Corporation
(Agere Systems being a wholly owned
subsidiary of LSI Corporation)

Title

Marie H. MacNichol
Printed or Typed Name

PATRICIA LOTT COMPANY:400 CONNELL DRIVE

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.104/29/2010
501161636

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	MERGER										
EFFECTIVE DATE:	09/21/1995										
CONVEYING PARTY DATA											
<table border="1"><tr><td>Name</td><td>Execution Date</td></tr><tr><td>AT&T IPM Corp.</td><td>09/21/1995</td></tr></table>		Name	Execution Date	AT&T IPM Corp.	09/21/1995						
Name	Execution Date										
AT&T IPM Corp.	09/21/1995										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>AT&T Corp.</td></tr><tr><td>Street Address:</td><td>32 Avenue of the Americas</td></tr><tr><td>City:</td><td>New York</td></tr><tr><td>State/Country:</td><td>NEW YORK</td></tr><tr><td>Postal Code:</td><td>10013</td></tr></table>		Name:	AT&T Corp.	Street Address:	32 Avenue of the Americas	City:	New York	State/Country:	NEW YORK	Postal Code:	10013
Name:	AT&T Corp.										
Street Address:	32 Avenue of the Americas										
City:	New York										
State/Country:	NEW YORK										
Postal Code:	10013										
PROPERTY NUMBERS Total: 1											
<table border="1"><tr><td>Property Type</td><td>Number</td></tr><tr><td>Patent Number:</td><td>5473701</td></tr></table>		Property Type	Number	Patent Number:	5473701						
Property Type	Number										
Patent Number:	5473701										
CORRESPONDENCE DATA											
Fax Number: (908)286-1694 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: 610-712-8543											
Email: pat.lott@isl.com											
Correspondent Name: Patricia Lott											
Address Line 1: 400 Connell Drive											
Address Line 2: Suite 5000											
Address Line 4: Berkeley Heights, NEW JERSEY 07922											
NAME OF SUBMITTER:	Patricia Lott										
Total Attachments: 3 source=IPMCorp-merger#page1.tif source=IPMCorp-merger#page2.tif source=IPMCorp-merger#page3.tif											

CH \$40.00 5473701

PATRICIA LOTT COMPANY:400 CONNELL DRIVE



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

501161636

APRIL 29, 2010

PTAS

PATRICIA LOTT
400 CONNELL DRIVE
SUITE 5000
BERKELEY HEIGHTS, NJ 07922UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 04/29/2010

REEL/FRAME: 024305/0300
NUMBER OF PAGES: 4

BRIEF: MERGER (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

AT&T IPM CORP.

DOC DATE: 09/21/1995

ASSIGNEE:

AT&T CORP.
32 AVENUE OF THE AMERICAS
NEW YORK, NEW YORK 10013

SERIAL NUMBER: 08148750

FILING DATE: 11/05/1993

PATENT NUMBER: 5473701

ISSUE DATE: 12/05/1995

TITLE: ADAPTIVE MICROPHONE ARRAY

ASSIGNMENT SERVICES BRANCH
PUBLIC RECORDS DIVISION

950921000538

PH-32

CERTIFICATE OF MERGER

OF

AT&T IPM CORP.

INTO

AT&T CORP.

(Under Section 905 of the Business Corporation Law)

RECEIVED

SEP 21 1 50 PM '95
SEP 21 2 25 PM '95

ICC
STATE OF NEW YORK
DEPARTMENT OF STATE

FILED SEP 21 1995

TAX \$

BY: JAH

New York

AT&T
131 Morristown Road
Basking Ridge, NJ 07920

3

BILLED

950921000540

F950921000508

PH-32

CERTIFICATE OF MERGER

of
AT&T IPM CORP.
into
AT&T CORP.

(Under Section 905 of the Business Corporation Law)

It is hereby certified by the corporation named herein as the surviving corporation as follows:

FIRST: The board of directors of the corporation named herein as the surviving corporation has adopted a plan of merger setting forth the terms and conditions of merging the corporation named herein as the subsidiary corporation into said surviving corporation.

SECOND: The laws of the jurisdiction of incorporation of the corporation named herein as the subsidiary corporation permit a merger of the kind certified herein.

THIRD: The name of the subsidiary corporation to be merged, which was organized under the laws of the State of Florida, on December 9, 1994, is AT&T IPM Corp.

No Application for Authority in the State of New York of said corporation to transact business as a foreign corporation therein was filed by the Department of State of the State of New York.

FOURTH: The name of the surviving corporation, the certificate of incorporation of which was filed by the department of state on March 3, 1885, is AT&T Corp. The name under which said corporation was formed is American Telephone and Telegraph Company.

FIFTH: The designation and number of outstanding shares of each class of the subsidiary corporation, all of which are owned by the surviving corporation, as set forth in the plan of merger, are as follows:

Designation	Number
Common Shares	1,000

SIXTH: The merger of the subsidiary corporation into the surviving corporation has been authorized under the laws of the jurisdiction of incorporation of the subsidiary corporation.

SEVENTH: The effective date of the merger herein certified, insofar as the provisions of the New York Business Corporation Law govern such effective date, shall be the 21 day of September, 1995.

IN WITNESS WHEREOF, we have subscribed this document on the date set forth below and do affirm, under the penalties of perjury, that the statements contained therein have been examined by us and are true and correct.

AT&T Corp.

By: M. J. Wasser
Name: M. J. Wasser
Title: Vice President - Law and
Secretary of the surviving
corporation

By: P. M. Suzuki
Name: P. M. Suzuki
Title: Assistant Secretary of
surviving corporation

Dated: September 21, 1995

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

04/29/2010
501161643

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
AT&T Corp.	03/29/1996
RECEIVING PARTY DATA	
Name:	Lucent Technologies Inc.
Street Address:	800 Mountain Avenue
City:	Murray Hill
State/Country:	NEW JERSEY
Postal Code:	07974
PROPERTY NUMBERS Total: 1	
Property Type	Number
Patent Number:	5473701
CORRESPONDENCE DATA	
Fax Number:	(908)286-1694
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	610-712-8543
Email:	pat.lott@lsi.com
Correspondent Name:	Patricia Lott
Address Line 1:	400 Connell Drive
Address Line 2:	Suite 5000
Address Line 4:	Berkeley Heights, NEW JERSEY 07922
NAME OF SUBMITTER:	Patricia Lott
Total Attachments: 5 source=Cezanne-att-lu#page1.tif source=Cezanne-att-lu#page2.tif source=Cezanne-att-lu#page3.tif source=Cezanne-att-lu#page4.tif source=Cezanne-att-lu#page5.tif	

CH \$40.00 5473701



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE



501161643A

APRIL 29, 2010

PTAS

PATRICIA LOTT
400 CONNELL DRIVE
SUITE 5000
BERKELEY HEIGHTS, NJ 07922

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 04/29/2010

REEL/FRAME: 024305/0306
NUMBER OF PAGES: 6

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
AT&T CORP.

DOC DATE: 03/29/1996

ASSIGNEE:
LUCENT TECHNOLOGIES INC.
600 MOUNTAIN AVENUE
MURRAY HILL, NEW JERSEY 07974

SERIAL NUMBER: 08148750
PATENT NUMBER: 5473701
TITLE: ADAPTIVE MICROPHONE ARRAY

FILING DATE: 11/05/1993
ISSUE DATE: 12/05/1995

ASSIGNMENT SERVICES BRANCH
PUBLIC RECORDS DIVISION

PATENT ASSIGNMENT

WHEREAS, AT&T CORP., a corporation created under the laws of the State of New York (hereinafter ASSIGNOR), having an office at 32 Avenue of the Americas, New York, New York, 10013, U.S.A., presently owns or controls TRANSFERRED PATENTS (after giving effect to the assignment referred to in the definition of TRANSFERRED PATENTS); and

WHEREAS, the Board of Directors of ASSIGNOR has determined that it is in the best interests of ASSIGNOR and its shareholders to separate ASSIGNOR's existing businesses into three independent businesses; and

WHEREAS, as part of the foregoing, ASSIGNOR desires to transfer, assign, convey, deliver and vest all of its interests and rights in TRANSFERRED PATENTS for all countries, jurisdictions and political entities of the world, to and in LUCENT TECHNOLOGIES INC., a corporation created under the laws of the State of Delaware, having an office at 600 Mountain Avenue, Murray Hill, New Jersey 07974, U.S.A. (hereinafter ASSIGNEE).

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, effective March 29, 1996 (immediately after the effectiveness of the assignment by NCR CORPORATION referred to in the definition of TRANSFERRED PATENTS), ASSIGNOR by these presents does, subject to existing rights and licenses of third parties, hereby assign, convey, transfer and deliver, and agrees to assign, convey, transfer and deliver to ASSIGNEE, its successors, assigns and legal representatives or nominees, ASSIGNOR's entire right, title and interest, for all countries, jurisdictions and political entities of the world, along with the right to sue for past infringement, to all TRANSFERRED PATENTS with respect to which, and to the extent to which, ASSIGNOR now has or hereafter acquires the right to so assign, convey, transfer and deliver.

ASSIGNOR agrees that, upon request it will, at any time without charge to ASSIGNEE but at ASSIGNEE's expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for vesting title to TRANSFERRED PATENTS in ASSIGNEE, its successors, assigns and legal representatives or nominees; including but not limited to any acts which may be necessary, desirable or convenient for claiming said rights and for securing and maintaining said patents in any and all countries and for vesting title thereto in ASSIGNEE, its successors, assigns and legal representatives or nominees.

AT&T PROPRIETARY (RESTRICTED)
SOLELY FOR THOSE PERSONS HAVING A NEED TO KNOW
USE PURSUANT TO COMPANY INSTRUCTIONS

(Final Version)

As used herein "TRANSFERRED PATENTS" means all patents and filed patent applications owned or controlled by ASSIGNOR as of the date hereof (which are, for example, in the name among others of AT&T Corp., AT&T Information Systems, AT&T Bell Laboratories and American Telephone and Telegraph Company, including certain patents previously assigned to ASSIGNOR by NCR CORPORATION under a separate Patent Assignment) except for the following:

- (i) all patents and patent applications listed in Appendix "A" hereof, which will be retained by ASSIGNOR; those patents and patent applications listed in Appendix "B" hereof, which ASSIGNOR is assigning to its Subsidiary, NCR CORPORATION, a Maryland corporation, by an equivalent Assignment executed as of this date; and those patents listed in Appendix "C" hereof, in which ASSIGNOR is assigning an undivided, one-half (1/2) interest to ASSIGNEE by a separate Assignment executed as of this date; and
- (ii) all patents and patent applications owned or controlled by AT&T WIRELESS SERVICES, INC., a Delaware corporation, and by its Subsidiaries; and
- (iii) all patents and patent applications owned and controlled by NCR CORPORATION and by its Subsidiaries; and
- (iv) all patents and patent applications owned or controlled by ASSIGNEE's Subsidiaries (it being understood that by its assumption of ownership or control of such Subsidiaries, ASSIGNEE has acquired or will acquire an interest in such patents and applications independent of this Assignment).

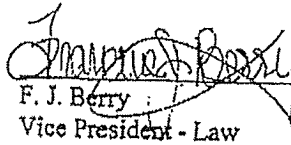
Appendix "D" hereof represents ASSIGNOR's and ASSIGNEE's joint view of those patents and patent applications included in the definition of TRANSFERRED PATENTS. In case of conflict between such definition and Appendix "D", the definition shall control; and if requested, ASSIGNOR will execute a writing identifying corrections in Appendix "D".

- 2 -

AT&T PROPRIETARY (RESTRICTED)
SOLELY FOR THOSE PERSONS HAVING A NEED TO KNOW
USE PURSUANT TO COMPANY INSTRUCTIONS

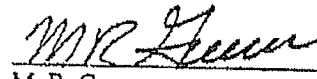
(Final Version)

29 Signed for AT&T CORP. at Basking Ridge, New Jersey, this
day of March, 1996.


F. J. Berry
Vice President - Law
AT&T CORP.

Secretary

Accepted for LUCENT TECHNOLOGIES INC. at Liberty Corner, New Jersey, this
29 day of March, 1996.


M. R. Greene
Vice President - Law
LUCENT TECHNOLOGIES INC.

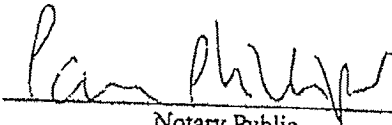
Secretary

- 3 -
AT&T PROPRIETARY (RESTRICTED)
SOLELY FOR THOSE PERSONS HAVING A NEED TO KNOW
USE PURSUANT TO COMPANY INSTRUCTIONS

(Final Version)

State of New Jersey)
County of Somerset) ss:

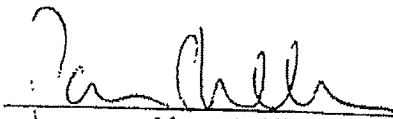
On the 29 day of March, 1996, before me came F. J. Berry, to me known, who, being by me duly sworn, did depose and says that she is Vice President - Law of AT&T CORP., the corporation described in and which executed the foregoing instrument; that she knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by authority of the board of directors of said corporation and that she signed her name thereto by like authority.


Notary Public

PAULA PHILLIPS
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires Sept. 19, 1999

State of New Jersey)
County of Somerset) ss:

On the 29 day of March, 1996, before me came M. R. Greene, to me known, who, being duly sworn, did depose and says that he is Vice President - Law of LUCENT TECHNOLOGIES INC., the corporation described in and which executed the foregoing instrument; that he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by authority of the board of directors of said corporation and that he signed his name thereto by like authority.


Notary Public

PAULA PHILLIPS
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires Sept. 19, 1999

- 4 -
AT&T PROPRIETARY (RESTRICTED)
SOLELY FOR THOSE PERSONS HAVING A NEED TO KNOW
USE PURSUANT TO COMPANY INSTRUCTIONS

(Final Version)

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- 71 -

AT&T PROPRIETARY (RESTRICTED)
SOLELY FOR THOSE PERSONS HAVING A NEED TO KNOW
USE PURSUANT TO COMPANY INSTRUCTIONS

(Final Version)

D:\PATRICIA LOTT COMPANY:400 CONNELL DRIVE

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.104/29/2010
501161647

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Lucent Technologies Inc.	05/31/2002
RECEIVING PARTY DATA	
Name:	Agere Systems Guardian Corp.
Street Address:	1110 American Parkway NE
City:	Allentown
State/Country:	PENNSYLVANIA
Postal Code:	18109
PROPERTY NUMBERS Total: 1	
Property Type	Number
Patent Number:	5473701
CORRESPONDENCE DATA	
Fax Number:	(908)286-1694
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	610-712-8543
Email:	pat.lott@lsi.com
Correspondent Name:	Patricia Lott
Address Line 1:	400 Connell Drive
Address Line 2:	Suite 5000
Address Line 4:	Berkeley Heights, NEW JERSEY 07922
NAME OF SUBMITTER:	Patricia Lott
Total Attachments: 4 source=Cezanne-Lu-Ag#page1.tif source=Cezanne-Lu-Ag#page2.tif source=Cezanne-Lu-Ag#page3.tif source=Cezanne-Lu-Ag#page4.tif	

CH \$40.00 5473701

PATRICIA LOTT COMPANY:400 CONNELL DRIVE



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

501161647

APRIL 29, 2010

PTAS

PATRICIA LOTT
400 CONNELL DRIVE
SUITE 5000
BERKELEY HEIGHTS, NJ 07922UNITED STATES PATENT AND TRADEMARK OFFICE
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RECORDATION DATE: 04/29/2010

REEL/FRAME: 024305/0315
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
LUCENT TECHNOLOGIES INC.

DOC DATE: 05/31/2002

ASSIGNEE:
AGERE SYSTEMS GUARDIAN CORP.
1110 AMERICAN PARKWAY NE
ALLENTOWN, PENNSYLVANIA 18109SERIAL NUMBER: 08148750
PATENT NUMBER: 5473701
TITLE: ADAPTIVE MICROPHONE ARRAYFILING DATE: 11/05/1993
ISSUE DATE: 12/05/1995ASSIGNMENT SERVICES BRANCH
PUBLIC RECORDS DIVISION

LEGAL TITLE PATENT TRANSFER AGREEMENT

Whereas the parties have previously entered into to a PATENT AND TECHNOLOGY LICENSE AGREEMENT (the "PTLA"), effective as of February 1, 2001, by and among Lucent Technologies Inc., Lucent Technologies GRL Corp., Lucent Technologies Guardian I Corp., and various subsidiaries of Lucent (jointly and severally "Lucent"), and Agere Systems Inc. and various subsidiaries of Agere (jointly and severally "Agere");

Whereas, pursuant to sections 3.10 and 3.11 of the PTLA, exclusive licenses were granted in the patents listed on Schedules 3.10-1 to 3.10-6 and 3.11-1 to 3.11-6, inclusive (hereinafter the "Transferred Patents") to the Agere Subsidiaries and the Lucent Subsidiaries, respectively; and

Whereas, the parties now wish for the remaining rights in the Transferred Patents to be granted to the Agere Subsidiaries and the Lucent Subsidiaries, respectively.

Now therefore, effective upon signature of all of the parties, and in consideration of the mutual promises herein, the parties agree as follows:

Lucent, subject to all rights retained for itself as set out in Section 3.10(b) of the PTLA, hereby transfers all legal title in all of the patents listed in Schedules 3.10-1 to 3.10-6, inclusive, to Agere Guardian.

In Sections 3.10 and 3.11 of the PTLA, Section (d) is deleted in its entirety and the first sentence of Section (e) is not effective for acts occurring post execution of this Agreement.

Agere, subject to all rights retained for itself as set out in Section 3.11(b) of the PTLA, hereby transfers all legal title in all of the patents listed in Schedules 3.11-1 to 3.11-6, inclusive, to Lucent Guardian.

IN WITNESS WHEREOF, the parties have caused this Agreement to be executed in four originals by their duly authorized representatives.

LUCENT TECHNOLOGIES INC.

By: Bernard Zucker by Delegation
D. L. Padilla
President, Intellectual Property Business

Date: 5/31/02

LUCENT GRL LLC

By: Bernard Zucker by Delegation
D. L. Padilla
President

Date: 5/31/02

LUCENT TECHNOLOGIES GUARDIAN I
LLC

By: Bernard Zucker by Delegation
D. L. Padilla
President

Date: 5/31/02

LUCENT TECHNOLOGIES OPTICAL
NETWORKING GUARDIAN LLC

By: Bernard Zucker by Delegation
D. L. Padilla
President

Date: 5/31/02

LUCENT TECHNOLOGIES WIRELESS
GUARDIAN LLC

Baruch Zuck by Degeysson

Date: 5/31/02

LUCENT TECHNOLOGIES FIBER
GUARDIAN LLC

By: Baruch Zuck by Degeysson
D. L. Padilla
President

Date: 5/31/02

AGERE SYSTEMS INC.

By: Gerard A. deBlasi
Gerard A. deBlasi
Vice President

Date: May 31, 2002

AGERE SYSTEMS GUARDIAN CORP.

By: Gerard A. deBlasi
Gerard A. deBlasi
Vice President

Date: May 31, 2002

Case Name	Filing Date	Issue Date	Patent Number
Carloni 4-11-5	6/9/1997	10/13/98	5821782
Cava 34-4	11/17/1997	11/30/1999	5993947
Cavallo 1	12/2/1993	01/10/95	5381475
→ Cezanne 1-8	11/5/1993	12/5/1995	5473701
Chan 1-8	12/21/1989	1/8/1991	4983804
Chandross 76-5-10-27-2	10/15/1996	04/21/98	5741629
Chang 2	9/17/93	3/19/96	5500605
Chen 1-15-6-6	9/17/1997	12/21/1999	6005377
Chen 21-10-31	12/9/96	12/2/97	5694519
Chen 6	5/3/1993	7/22/1997	5651091
Cheng 8-5	6/6/1994	04/30/96	5513122
Cheng-Quispe 1-2-1-1-18ReRe	3/12/1996	4/25/2000	RE36673
Chiussi 3-13-6	1/16/1996	11/18/1997	5689500
Chiussi 6-13-1	11/15/1996	5/18/1999	5905711
Choi 1	2/26/1987	07/11/89	4847875
Choi 2	5/22/1987	08/16/88	4764941
Clark 1-6-1-1	10/9/1990	05/19/92	5114233
Clark 2-10-2	7/31/1990	9/17/1991	5048747
Clifton 2	2/1/1993	7/19/1994	5331591
Cohen 4-4-32	9/25/1995	07/30/96	5541964
Comino 4	1/3/1997	09/08/98	5805011
Condon 18-39	12/28/93	8/22/95	5444777
Condon 24-11	9/5/1996	04/28/98	5744988
Cook 1-7-9-2-2	7/27/1983	2/12/1985	4498953
Cook 2-10-3-1	10/12/1984	11/19/1985	4554047
Corcoran 1-3	3/13/1990	1/11/1994	5278959
Corcoran 4-7-2	3/13/1990	08/29/95	5446865
Corcoran 6-9	5/18/1993	07/05/94	5327537
Cox 1-4-3	10/25/1993	03/14/95	5397241
Cox 5-9	2/11/1993	10/11/94	5355376
Crochiere 8-2	8/25/1995	09/02/97	5664011
Cubbison 9	11/6/1985	03/24/87	4652701
Cunningham 33-42	5/24/1996	04/07/98	5735950
Cupo 4	6/22/1988	07/11/89	4847864
Curtin 1	12/15/1997	11/16/1999	5986200
Curtis 8	5/6/1983	12/3/1985	4556276
Dahringer 16-8	4/25/1996	04/21/98	5741430
Daudelin 5	12/31/1985	03/24/87	4652775
Daughters 1	4/30/1990	07/02/91	5028892
Daughters 2	8/1/1996	9/22/1998	5811961
Davidson 1-9-1-1	12/14/1988	07/16/91	5032991
De Palma 1-5-14-1	5/9/1997	10/12/99	5966516
DeBruler 6	9/4/1990	05/28/96	5522072
Debus 1-5-1	7/27/1983	12/01/87	4710891
Debus 4	5/9/1985	09/20/88	4773034
Debus 6-10	4/28/1986	07/19/88	4759037
Debus 7-1-4	8/4/1986	04/05/88	4736389
Debus 8-3-5	10/20/1986	07/19/88	4759039
Degani 11-1	11/4/1991	6/30/1992	5125560
Degani 15	11/24/1993	1/31/1995	5385290

):PATRICIA LOTT COMPANY:400 CONNELL DRIVE

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.104/30/2010
501162885

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	MERGER										
EFFECTIVE DATE:	08/31/2002										
CONVEYING PARTY DATA											
<table border="1"><tr><th>Name</th><th>Execution Date</th></tr><tr><td>Agere Systems Guardian Corp.</td><td>08/29/2002</td></tr></table>	Name	Execution Date	Agere Systems Guardian Corp.	08/29/2002							
Name	Execution Date										
Agere Systems Guardian Corp.	08/29/2002										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Agere Systems Inc.</td></tr><tr><td>Street Address:</td><td>1110 American Parkway NE</td></tr><tr><td>City:</td><td>Allentown</td></tr><tr><td>State/Country:</td><td>PENNSYLVANIA</td></tr><tr><td>Postal Code:</td><td>18109</td></tr></table>	Name:	Agere Systems Inc.	Street Address:	1110 American Parkway NE	City:	Allentown	State/Country:	PENNSYLVANIA	Postal Code:	18109	
Name:	Agere Systems Inc.										
Street Address:	1110 American Parkway NE										
City:	Allentown										
State/Country:	PENNSYLVANIA										
Postal Code:	18109										
PROPERTY NUMBERS Total: 1											
<table border="1"><tr><th>Property Type</th><th>Number</th></tr><tr><td>Patent Number:</td><td>5473701</td></tr></table>	Property Type	Number	Patent Number:	5473701							
Property Type	Number										
Patent Number:	5473701										
CORRESPONDENCE DATA											
Fax Number: (908)286-1694 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: 610-712-8543											
Email: pat.lott@lsi.com											
Correspondent Name: Patricia Lott											
Address Line 1: 400 Connell Drive											
Address Line 4: Berkeley Heights, NEW JERSEY 07922											
NAME OF SUBMITTER:	Patricia Lott										
Total Attachments: 2 source=merger#page1.tif source=merger#page2.tif											

CH 540.00 5473701

PATRICIA LOTT COMPANY:400 CONNELL DRIVE



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

501162885A

APRIL 30, 2010

PTAS

PATRICIA LOTT
400 CONNELL DRIVE
BERKELEY HEIGHTS, NJ 07922UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 04/30/2010

REEL/FRAME: 024312/0491
NUMBER OF PAGES: 3

BRIEF: MERGER (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

AGERE SYSTEMS GUARDIAN CORP.

DOC DATE: 08/29/2002

ASSIGNEE:

AGERE SYSTEMS INC.
1110 AMERICAN PARKWAY NE
ALLENTOWN, PENNSYLVANIA 18109

SERIAL NUMBER: 08148750

FILING DATE: 11/05/1993

PATENT NUMBER: 5473701

ISSUE DATE: 12/05/1995

TITLE: ADAPTIVE MICROPHONE ARRAY

ASSIGNMENT SERVICES BRANCH
PUBLIC RECORDS DIVISION

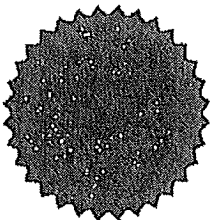
The First State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF OWNERSHIP, WHICH MERGES:

"AGERE SYSTEMS GUARDIAN CORP.", A DELAWARE CORPORATION,
WITH AND INTO "AGERE SYSTEMS INC." UNDER THE NAME OF "AGERE SYSTEMS INC.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE TWENTY-NINTH DAY OF AUGUST, A.D. 2002, AT 9 O'CLOCK A.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF OWNERSHIP IS THE THIRTY-FIRST DAY OF AUGUST, A.D. 2002.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.



Harriet Smith Windsor
Harriet Smith Windsor, Secretary of State

3268412 8100M

AUTHENTICATION: 1959517

020545223

DATE: 08-29-02

CERTIFICATE OF OWNERSHIP AND MERGER

OF

Agere Systems Guardian Corp.
(a Delaware corporation)

INTO

Agere Systems Inc.
(a Delaware corporation)

UNDER SECTION 253 OF THE GENERAL
CORPORATION LAW OF THE STATE OF DELAWARE

Agere Systems Inc., a corporation organized and existing under the laws of Delaware ("Corporation"), DOES HEREBY CERTIFY:

FIRST: The Corporation is the owner of all of the outstanding shares of common stock of Agere Systems Guardian Corp., which is also a business corporation of the State of Delaware.

SECOND: On August 22, 2002 the Subsidiary Governance Committee of the Board of Directors of the Corporation adopted the following resolution to merge Agere Systems Guardian Corp. into the Corporation:

RESOLVED that Agere Systems Guardian Corp., a Delaware corporation, shall be merged with and into Agere Systems Inc., a Delaware corporation, with Agere Systems Inc. being the surviving corporation, and Agere Systems Inc. shall thereupon assume all of the obligations of Agere Systems Guardian Corp."

THIRD: That the merger authorized hereby shall become effective as of 9:00 a.m. Eastern Standard Time on August 31, 2002.

Executed on August 22, 2002

AGERE SYSTEMS INC.

By Paul Bento
Paul Bento, Vice President